

2. L. H. GRAY  
REDDITCH URBAN DISTRICT COUNCIL

# ***ANNUAL REPORT***

of the

**MEDICAL OFFICER**

**OF HEALTH**

and

**CHIEF PUBLIC HEALTH**

**INSPECTOR**

**FOR THE YEAR**

**1958**





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# **REDDITCH URBAN DISTRICT COUNCIL**

## **A N N U A L   R E P O R T**

of the

## **Public Health Department**

**FOR THE YEAR 1958**

Chairman of the Council : Councillor J. H. TAYLOR

### **PUBLIC HEALTH AND HOUSING COMMITTEE**

Chairman : Councillor J. H. Taylor.

#### **Committee Members :**

Councillor H. G. Bayliss	Councillor S. V. Hill
„ E. J. T. Cole	„ H. D. Spencer
„ R. J. Dickens	„ A. Poole
„ E. Harris	„ J. H. Taylor
„ D. J. Harber	„ A. E. Wharrad

### **PUBLIC HEALTH OFFICERS of the LOCAL AUTHORITY**

- (a) W. DRAWNEEK, M.B., B.S., D.P.H.,  
Medical Officer of Health (Part Time)  
and Assistant County Medical Officer.

- (b) G. H. CHAMPION, Cert. “S.I.B.”,  
Chief Public Health Inspector,  
Meat and Food Inspector,  
Inspector under the Shops Acts.

G. H. SMITH, Cert. “S.I.B.”,  
Additional Public Health Inspector,  
Meat and Food Inspector.

R. HILL, Cert. “S.I.B.”,  
Additional Public Health Inspector,  
Meat and Food Inspector.

Mrs. J. Lewis — Clerk

Mrs. C. H. Wheeler — Clerk.

Mrs. C. Deeley — Clerk.

Mrs. M. Leeman, C.W.S., Housing Welfare Officer.

To the Chairman and Members of the  
REDDITCH URBAN DISTRICT COUNCIL

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Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report for the year 1958.

It was a year in which the Health Department was able to put to full use the reorganisation and new methods reported during the previous year. Working as a co-ordinated team new fields of work were undertaken and the routine work was carried out in greater detail and more thoroughly than had previously been possible.

With increasing work it became apparent that the time spent by the Medical Officer of Health on his work in Redditch could be advantageously increased. At the commencement of the year the allocation of duties was five half days to Redditch Urban District Council and six half days to Worcestershire County Council. The County Council appreciating the vital importance of environmental health work willingly agreed to the request from the District Council to a reapportionment of time, seven half days to Redditch and four half days to Worcestershire. It is not easy to blend successfully the two sides of the work of a Medical Officer of Health in a combined appointment. I should like to take the opportunity to express my appreciation of the help received from the County Medical Officer in this refashioning of the appointment and doing all in his power to make the work run smoothly and efficiently.

A health department cannot function in a vacuum but only by working closely with the public, official and voluntary organisations, professional colleagues and the Council and its Committees. The way in which these have all worked together for the health of the town is a pleasure to report.

I am, Mr. Chairman, Ladies and Gentlemen,

Your Obedient Servant,

W. DRAWNEEK,  
Medical Officer of Health.

# Statistics and Social Conditions of the Area

AREA — 12,059 Acres.

Registrar-General's Estimate of resident population,  
mid 1958 — 33,120

Number of inhabited houses, end of 1958 — 10,332

„ „ 1957 — 10,439

„ „ 1956 — 9,954

„ „ 1955 — 9,845

„ „ 1948 — 8,292

Rateable Value — £374,281

Sum represented by the Penny Rate — £1,463.

## VITAL STATISTICS

### ESTIMATED POPULATION.

1957 — 32,220

1958 — 33,120

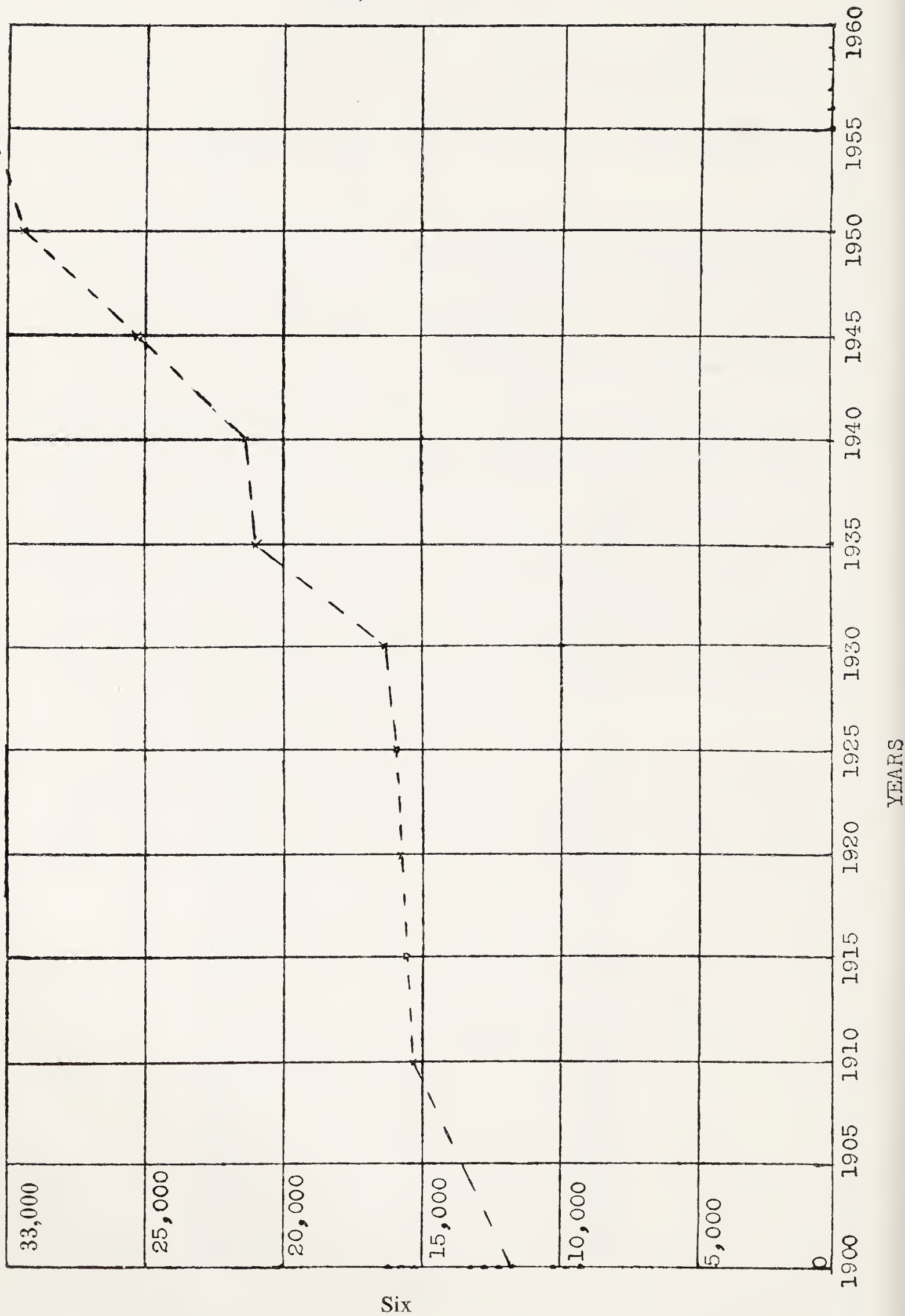
### Population figures as quoted from the Annual Reports of Medical Officer of Health.

Year	Population
1901	13,493
1911	15,463
1916	15,955
1917	15,500
1918	16,500
1919	16,500
1920	16,683
1921	16,530
1922	16,880
1923	16,690
1924	16,740
1925	16,810
1926	16,680
1927	16,570
1928	16,420
1929	16,390
1930	17,730
1931	19,280
1932	19,250
1933	21,320
1934	22,120
1935	22,100
1936	22,330
1937	22,450
1938	22,560
1939	22,760
1942	26,390
1943	26,390
1944	25,940
1945	25,470
1946	26,040
1947	26,680
1948	27,900
1949	28,440
1950	29,110
1951	29,184 — Census



Growth of Redditch Population 1900—1958 (Registrar-General's Estimate)

1952	...	...	...	...	30,360	1956	...	...	...	...	31,390
1953	...	...	...	...	30,490	1957	...	...	...	...	32,220
1954	...	...	...	...	30,710	1958	...	...	...	...	33,120
1955	...	...	...	...	30,930						





## LIVE BIRTHS

(Figures in brackets are 1957 totals).

LIVE BIRTHS			
	M	F	Total
Legitimate ...	273	233	506
Illegitimate ...	7	13	20
Total ...	280 (279)	246 (289)	526 (568)

### Birth Rate (Births per 1,000 population) :—

	1958	1957	1956	1948
Crude :	15.88	17.63	15.89	18.14
Standardised :	15.09	17.10	15.41	

Area Comparability Factor : 0.95

### Illegitimacy Rate (Total live illegitimate births per 1,000 total live births) :—

1958	1957	1956	1948
38.02	42.25	43.91	39.5

Percentage of illegitimate live births of total live births : 3.8%

## STILL BIRTHS.

STILL BIRTHS			
	M	F	Total
Legitimate ...	6	5	11
Illegitimate ...	—	—	—
Total ...	6 (8)	5 (9)	11 (17)

### Still-Birth Rate (Still-births per 1,000 live and still births) :—

1958	1957	1956	1948
20.48	30.77	21.50	0.39

Total live and still births : 537

## DEATHS.

(1957 figures in brackets).

DEATHS		
M	F	Total
145 (156)	146 (149)	291 (305)

### Death Rate (Deaths per 1,000 population) :—

	1958	1957	1956	1948
Crude :	8.79	9.47	9.62	11.00
Standardised :	10.55	10.98	11.15	

Area Comparability Factor : 1.20

The principal causes of death were as follows :—

1. Disease of the heart and circulatory system (including intra-cranial vascular lesions)	43.99% of all deaths. (51.48%)			
2. Cancer (all forms) and other malignant disease	20.62% (17.05%)	„	„	„
3. Respiratory Disease (excluding T.B.)	13.4% (9.18%)	„	„	„
4. Road and other Accidents	3.09% (4.26%)	„	„	„
5. Tuberculosis	1.31% (0.34%)	„	„	„

**MATERNAL MORTALITY.**

There were no maternal deaths.

**INFANT AND NEONATAL MORTALITY.**

DEATHS OF INFANTS UNDER 1 YEAR			
	M	F	Total
Legitimate ...	5	6	11
Illegitimate ...	1	—	1
Total ...	6	6	12

DEATHS OF INFANTS WITHIN THE FIRST FOUR WEEKS			
	M	F	Total
Legitimate ...	3	5	8
Illegitimate ...	1	—	1
Total ...	4	5	9

**Infant and Neonatal Mortality Rates**

	1958	1957	1956	1948
Infant mortality rate per 1,000 live births	22.81	22.89	17.96	31.62
Legitimate infant mortality rate per 1,000 legitimate births	20.91	23.89	19.00	30.86
Illegitimate infant mortality rate per 1,000 illegitimate births	1.9	0.00	0.00	0.00
Neonatal mortality rate per 1,000 live births	15.4	19.37	15.97	—



**Causes of Infant Deaths.**

(N.B.—Neonatal deaths in brackets).

	1958	1957	1956
Prematurity ... ..	(4)	3(3)	3(3)
Broncho-Pneumonia ... ..	3(1)	2(1)	1
Congenital Malformation ... ..	1	4(4)	2(2)
Birth Injury ... ..	—	—	—
Gastro-enteritis ... ..	—	—	—
Peritonitis ... ..	—	—	1(1)
Intestinal Obstruction ... ..	—	—	1(1)
Osteochondritis and Hepatitis ... ..	—	—	1(1)
Asphyxia ... ..	(1)	1(1)	—
Heart Failure ... ..	—	1(1)	—
Adrenal and peri-adrenal haemorrhage ... ..	—	1(1)	—
Hydrocephalus ... ..	—	1	—
Multiple Injuries ... ..	1	—	—
Malignant Disease ... ..	1	—	—
Alelectasis ... ..	(3)	—	—
Coma ... ..	(1)	—	—
Respiratory failure ... ..	(1)	—	—

DEATHS BY AGE		
Age in years	1958 %	1957 %
Under 1 ...	4.57	4.26
1 – 14 ...	1.4	0.98
15 – 24 ...	2.11	0.66
25 – 64 ...	28.52	27.21
65 and over	63.45	69.18

The estimated population has increased by 900 to 33,120. The trend of growth of population in the area is continuing uninterrupted. The birth rate has decreased from 17.10 in 1957 to 15.09 in 1958. The stillbirth rate has decreased from 30.77 in 1957 to 20.48 in 1958. The death rate has decreased from 10.98 in 1957 to 10.55 in 1958. The infant mortality rate has decreased from 22.89 in 1957 to 22.81 in 1958.

The general picture is one of improving health in the district.

# CAUSES OF DEATH IN THE REDDITCH URBAN DISTRICT, 1958

CAUSE OF DEATH	M	F	Total	Mortality Rate per 1,000 Pop. 1958	Mortality Rate per 1,000 Pop. 1957
1. Tuberculosis of the Respiratory System	2	0	2	0.06	0.124
2. Other forms of Tu- berculosis ...	—	1	1	0.03	0
3. Syphilitic Disease ...	0	0	0	0	0
4. Diphtheria ...	0	0	0	0	0
5. Whooping Cough ...	0	0	0	0	0
6. Meningococcal Infec- tions ...	0	0	0	0	0.031
7. Acute Poliomyelitis...	0	0	0	0	0.031
8. Measles ...	0	0	0	0	0
9. Other Infectious and Parasitic Diseases	0	0	0	0	0.031
10. Malignant Neoplasm, Stomach ...	3	3	6	0.181	0.248
11. Malignant Neoplasm, Lung Bronchus ...	9	3	12	0.363	0.155
12. Malignant Neoplasm, Breast ...	0	7	7	0.211	0.214
13. Malignant Neoplasm, Uterus ...	0	0	0	0	0.031
14. Other Malignant and Lymphatic Neoplasms	15	22	37	1.112	0.962
15. Leukaemia, Aleukae- mia ...	0	1	1	0.03	0.062
16. Diabetes ...	0	0	0	0	0.062
17. Vascular Lesions of the Nervous System	17	22	39	1.178	1.366
18. Coronary Disease, Angina ...	16	12	28	0.844	1.210
19. Hypertension with Heart Disease ...	23	40	63	1.902	1.831
20. Other Heart Disease	23	40	63	1.902	1.831
21. Other Diseases of the Circulatory System	7	6	13	0.393	0.310
22. Influenza ...	0	0	0	0	0.124
23. Pneumonia ...	20	15	35	1.902	0.214
24. Bronchitis ...	6	0	6	0.181	0.525
25. Other Disease of the Respiratory System	2	2	4	0.093	0.122
26. Ulcer of the Stomach and Duodenum ...	2	0	2	0.06	0.062
27. Gastritis, Enteritis and Diarrhoea ...	0	0	0	0	0.031
28. Nephritis and Neph- rosis ...	1	1	2	0.06	0.155
29. Hyperplasia of Pros- trate ...	0	0	0	0	0.062
30. Pregnancy, Childbirth and Abortion ...	0	0	0	0	0
31. Congenital Malform- ations ...	1	1	2	0.06	0.093
32. Other defined and ill- defined diseases ...	8	7	15	0.435	0.838
33. Motor Vehicle Acci- dents ...	5	1	6	0.181	0.124
34. All other Accidents...	0	3	3	0.091	0.248
35. Suicide ...	2	1	3	0.191	0.031
36. Homicide and Opera- tions of War ...	0	0	0	0	0
TOTAL ...	162 (156)	188 (149)	350 (305)	8.79	9.47



# General Provision of Health Services

## (a) CLINICS AND TREATMENT SERVICES.

Clinic	Situation	Time of Holding
Redditch Infant Welfare Centre	Old Vicarage, Bromsgrove Road	Tuesday, 10 a.m. Tuesday, 2 p.m.
Batchley Estate Infant Welfare Clinic	Church Hall, Batchley Estate	Monday, 2 p.m.
Abbeydale Infant Welfare Centre	Abbeydale Community Centre	2nd & 4th Thursdays, 2 p.m.
Astwood Bank Infant Welfare Centre (including Diphtheria Immunisation and Vaccination)	Church Hall, Astwood Bank	2nd & 4th Mondays, 2 p.m.
Feckenham Infant Welfare Centre (including Diphtheria Immunisation and Vaccination)	Village Hall, Feckenham	3rd Wednesdays, 2 p.m.
School Clinic	Old Vicarage	Thursdays, 9.30 a.m.
Dental Clinic	Day Nursery, Bromsgrove Road	By Appointment
Ante-natal Clinic	Old Vicarage	Tuesdays, 10.0 a.m.
Orthopaedic Clinic	Smallwood Hospital	Mondays, 9.30 a.m.
Ophthalmic Clinic	Old Vicarage	By Appointment
Tuberculosis Clinic	Smallwood Hospital	Thursdays, 10.0 a.m.
Diphtheria Immunisation	Old Vicarage	2nd & 4th Thursdays, 10.0 a.m.
Vaccination	Old Vicarage	2nd & 4th Thursdays, 10.30 a.m.
Family Planning Clinic	Old Vicarage	1st & 3rd Tuesdays, 5 - 6 p.m.

The County Council continued to provide, on their own behalf or administer as Agents for the Regional Hospital Board, the above health services in the district. The Family Planning Clinic is administered by the Family Planning Association.

## **(b) MIDWIFERY AND HOME NURSING.**

Three agencies provided the Midwifery Services in the district, (1) the family doctor—ante and post-natal care and home confinements; (2) the County Council—ante-natal clinics and district midwives; (3) the Regional Hospital Board—hospitals for delivery and treatment. The County Council provided nurse-midwives who attended general nursing and midwifery cases in the home.

## **(c) HEALTH VISITING.**

The County Council continued to provide a Health Visiting Service. The Health Visitors serving the district were :—

Mrs E. Jones, S.R.N., S.C.M., H.V., Shelley Close, Redditch.

Miss B. E. Cramp, S.R.N., S.C.M., H.V., Old Vicarage, Bromsgrove Road.

Miss M. Pike, S.R.N., S.C.M., H.V., Old Vicarage, Bromsgrove Road.

Miss B. M. Gittins, S.R.N., T.B.Cert., H.V., Old Vicarage, Bromsgrove Road.

Miss I Finlayson, R.G.N., R.S.N., H.V., Old Vicarage, Bromsgrove Road.

## **(d) SCHOOL HEALTH.**

The County Council continued to provide an extensive school health service. School Medical Officers carried out inspections of children and regular Minor Ailments Clinics were held at the Old Vicarage, Bromsgrove Road, Redditch. Specialist, Ophthalmic and Orthopaedic Clinics were also held. A full-time Assistant School Dental Officer was available.

## **(e) DIPHTHERIA IMMUNISATION AND SMALLPOX VACCINATION.**

The County Council continued to provide this service. It was administered locally by the District Medical Officer of Health.

## **(f) LABORATORY FACILITIES.**

Bacteriological and virological investigations were carried out for the Department by the Worcester Laboratories of the Public Health Laboratory Service. Special investigations were carried out by the Central Public Health Laboratory at Collingdale. Chemical analyses were carried out by the County Laboratory, Worcester.

## **(g) HOSPITALS.**

The following hospitals were available to the residents of the district :—

- |                                       |        |  |
|---------------------------------------|--------|--|
| 1. Infectious Diseases                | ...    | Hayley Green Isolation Hospital, Halesowen; Little Bromwich Fever Hospital; Newtown Isolation Hospital, Worcester.                                 |
| 2. Maternity                          | ... .. | Bromsgrove General Hospital; Mary Stevens Maternity Hospital, Stourbridge; Lucy Baldwin Maternity Hospital, Stourport; Avonside Hospital, Evesham. |
| 3. General Medical and Surgical Cases |        | Smallwood Hospital, Redditch; Bromsgrove General Hospital; Royal Infirmary, Worcester and various Birmingham Hospitals.                            |
| 4. Children's Diseases                | ...    | The Children's Hospital, Birmingham.   |
| 5. Venereal Disease                   | ... .. | The General Hospital, Birmingham;  |



- |                      |        |   |
|----------------------|--------|---|
| 6. Aged Chronic Sick | ...    | Bromsgrove General Hospital; Blakebrook Hospital, Kidderminster; Avon-side Hospital, Evesham. |
| 7. Mental Illness    | ... .. | Barnsley Hall Mental Hospital, Bromsgrove.  |

## **(h) AMBULANCE SERVICE.**

The County Council provided an extensive ambulance service throughout the County. A section operating in Redditch from the Cedar Road Depot served the district and surrounding areas.

## **(i) HEALTH EDUCATION.**

The Council continued to subscribe to the Central Council for Health Education whose services were utilised during the year.

## **(j) HOME AND DOMESTIC HELP SERVICE.**

The service continued to function during the year. It was conducted through the agency of the W.V.S. for the County Council by Mrs. L. M. Brown who is to be complimented on a very valuable service.

Cases dealt with :—

Maternity	...	...	...	...	36
Tuberculosis	...	...	...	...	4
Chronic Sick, Aged and Infirm	...	...	...	...	89
Others	...	...	...	...	37

## **(k) CARE OF THE AGED.**

The meals-on-wheels service is provided by the W.V.S. based on the Park Road Old Persons Centre. Despite lack of equipment and resources they have still struggled on doing an invaluable service. Improvements have been made but the scope of this service is still far from sufficient, only a limited number of people receive help and then only two meals per week per person are provided. Much more needs to be done to provide meals at home for old persons unable to manage for themselves. The W.V.S. are deserving of much more help. The extra expense would be well worthwhile in preventing malnutrition and breakdown of health among the aged. Our aim should be to keep old persons out of hospital and to provide them with some comfort in their homes.

## **(l) WELFARE.**

The County Council provided a welfare department in Redditch with an office at Park Road.

The staff comprised :—

Mr. A. H. Craddock	...	...	Welfare Officer
Mr. A. H. Grant	...	...	Welfare Officer

## HOUSING

The housing figures for 1958 are as follows :—

Number of houses built by Council during year	...	104
Number of houses built by private enterprise	...	161
Number of houses under construction by Council	...	6
Number of houses under construction by private enterprise	... ..	106
Number of houses built by others (Worcestershire County Council, etc.)	... ..	1
Total number of post-war Council houses built	...	2,105

Population in relation to the number of inhabited dwellings :—

Year	Population (Estimated)	Increase or decrease in Population	Natural Increase (births less deaths)	Increase by Immigration	Units of Accommodation	Increase of units of Accommodation	Number of Persons per unit of Accommodation
1938	22,560				7,116		3.17
1942	23,960				7,416		3.23
1943	26,390	2,430	207	2,223	7,437	21	3.55
1944	25,940	—450	335	—785	7,437	0	3.49
1945	25,470	—470	190	—660	7,486	49	3.40
1946	26,040	570	272	298	7,792	306	3.34
1947	26,680	640	197	443	8,054	262	3.31
1948	27,900	1,220	199	1,021	8,265	211	3.38
1949	28,440	540	206	334	8,536	271	3.33
1950	29,110	670	229	441	8,831	295	3.30
1951	29,400	290	225	65	9,073	242	3.24
1952	30,360	960	253	707	9,261	188	3.28
1953	30,490	130	248	—118	9,456	195	3.22
1954	30,710	220	230	—10	9,786	330	3.14
1955	30,930	220	196	24	9,845	59	3.09
1956	31,390	460	199	261	9,954	109	3.15
1957	32,220	830	263	567	10,439	485	3.01
1958	33,120	900	235	665	10,332	107	3.21
1945 to 1958		7,600 (6,750)	2,962 (2,727)	4,698 (4,033)		2,846 (2,953)	

## SLUM CLEARANCE.

88 houses were represented as unfit for human habitation. These comprised 67 houses in 4 clearance areas and 21 individually. 88 houses were demolished and 175 persons rehoused during the year.



**FOOD STORAGE IN COUNCIL ALUMINIUM BUNGALOWS.**

A series of investigations were carried out in council houses and bungalows of food storage facilities. Detailed temperature recordings in the food cupboards and pantries were taken and compared with simultaneous readings of the outside temperatures and the room temperatures within. The results were for the most part satisfactory, but in the case of the aluminium bungalows this was far from so.

It was found that the internal temperature of the food cupboards followed very closely to within a degree or so the external temperatures. This meant that during the summer months it was impossible to keep perishable articles of food for longer than a day. Thus the occupiers were obliged to buy such perishable food-stuffs in small quantities two or three times a week. In one instance a family reported that they had been made ill by eating meat which smelt bad, and which they had mistakenly thought would have been rendered fit to eat by washing in vinegar prior to cooking. From the nature and construction of the aluminium bungalows it appeared clear that to provide satisfactory food storage facilities would require extensive and costly modifications to the pantries or alternatively the provision of refrigerators. The latter alternative was adopted by the council and a hire scheme for all council tenants was introduced.

**MEDICAL PRIORITIES.**

Nine persons were granted housing priority on medical grounds for the reasons listed.

Tuberculosis and Lung Disease	...	...	8
Heart Disease	...	...	1
			<hr/>
Total	...	...	9
			<hr/>

**PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.  
NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING 1958.**

Disease	Under 1 year	1-	2-	3-	4-	5-	10-	15-24	25-44	45-64	65 & over	Total
Smallpox ...	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria ...	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever ...	-	-	2	6	2	15	1	-	-	-	-	26
Measles ...	-	4	5	9	7	26	-	-	-	-	-	51
Whooping Cough ...	6	-	10	5	3	18	-	-	2	-	-	44
Dysentery ...	-	-	-	1	1	-	-	-	1	-	-	3
Primary Pneumonia ...	-	-	-	-	-	1	-	-	2	2	-	5
Virus Pneumonia ...	-	-	-	-	-	2	-	-	-	-	-	2
Influenzal Pneumonia ...	-	-	1	-	-	2	1	3	-	2	-	9
Food Poisoning ...	1	-	1	-	-	-	-	2	3	-	-	7
Totals	7	4	19	21	13	64	2	5	8	4	-	147

The figures given in the above table are of corrected notifications, i.e. confirmed cases.

## MASS MINIATURE RADIOGRAPHY SURVEY.

The Dudley Mass Miniature Radiography Unit carried out a survey in the town. A preliminary part was carried out with the mobile unit which visited six of the larger factories. During the latter half of the survey fixed equipment was used at the Kingfisher Hall while the mobile unit was being overhauled. A total of 7,046 were X-rayed. Of these 142 were recalled for a large film and 47 for clinical examination.

GROUP	Male	Female	Total
Public ... ..	665	1101	1766
Doctor's Cases...	16	14	30
Scholars ... ..	295	265	560
Students ... ..	37	30	67
M.O.H. Referrals ...	1	16	17
Factory No. 1 ... ..	673	189	862
Factory No. 2 ... ..	282	336	618
Factory No. 3 ... ..	313	59	372
Factory No. 4 ... ..	471	100	571
Factory No. 5 ... ..	300	103	403
Factory No. 6 ... ..	279	103	382
Factory No. 7 ... ..	208	52	260
Other Organised Groups	559	579	1138
Totals	4099	2947	7046

GROUP	Large Film	Clinical Examination
Public ... ..	27	8
Doctor's Cases...	3	3
Scholars ... ..	9	4
Students ... ..	2	—
M.O.H. Referrals ...	—	—
Factory No. 1 ... ..	22	5
Factory No. 2 ... ..	11	—
Factory No. 3 ... ..	17	8
Factory No. 4 ... ..	18	8
Factory No. 5 ... ..	3	—
Factory No. 5 ... ..	4	2
Factory No. 6 ... ..	3	—
Other Organised Groups	23	9
Totals	142	47

## TUBERCULOSIS CONDITIONS.

16 Cases referred to Chest Clinic as active tuberculosis.

10 Cases referred to Chest Clinic as inactive tuberculosis.

10 Cases of inactive tuberculosis received other attention.

This gave a prevalence rate of 2.3 per 1,000 active tuberculosis.

GROUP	CASES
Public ... ..	4
Doctor's Cases...	1
Factory No. 1 ... ..	1
Factory No. 2 ... ..	3
Factory No. 3 ... ..	22



GROUP			CASES
Public ...	...	...	4
Doctor's Cases...	...	...	1
Factory No. 1 ...	...	...	1
Factory No. 2 ...	...	...	3
Factory No. 3 ...	...	...	2
Factory No. 4 ...	...	...	2
Factory No. 5 ...	...	...	1
Factory No. 6 ...	...	...	1
Factory No. 7 ...	...	...	1

## NON-TUBERCULOSIS CONDITIONS.

12 Cases were referred to the Chest Clinic with non-tuberculosis abnormalities.

29 Non-tuberculosis cases received other attention.

In view of the high number of defects found more frequent visits of the unit were arranged for the following year.

## PREVALENCE AND CONTROL OF COMMUNICABLE DISEASE.

### Infectious Disease.

The year has been noteworthy in that there were no cases of poliomyelitis reported in the district. There were no epidemics of any note and the general pattern of infectious disease has been one of small limited outbreaks and sporadic endemic cases.

### Gastro-Intestinal Infections.

At and in the vicinity of a farm an unusual coincidence was encountered of four unrelated diseases appearing all at the same time. One was a typhoid like disease of some severity caused by the relatively rare organism *Salmonella bredeney*. Two other groups of infection by the organisms *Salmonella typhimurium* and *Salmonella enteritis* respectively were also found. To complete the picture the pigs at the farm were affected by swine fever. It was apparent that flyborne spread presented the main hazard and so extensive fly eradication was carried out in the area. Residual insecticide spray was used, employing dieldrin and gammexane. Particular attention was paid to fly breeding places. A likely source of infection was thought to be infected animal feeding stuffs. Sampling and bacteriological examinations were carried out but no confirmation was obtained.

### Sonne Dysentery.

Six suspect cases of dysentery were investigated in relation to a food premises. Two persons in the shop were found to be affected and two carriers were found among the many contacts investigated. All recovered quickly and uneventfully. The sale of loose food was stopped and a change over to pre-packed articles started. Coupled with a strict regime of hand washing and a general tightening up of the shop hygiene plus the exclusion of positive excretors, this served to prevent any further spread from the shop.

### Flexner Dysentery.

Six cases of diarrhoea were reported in the nursery. On investigation one was found to be positive excretor of *Shigella flexner* organisms. Two carriers were found among the contacts. The disease was mild and recovery was uneventful. I am pleased to be able to report that the standard of personal hygiene maintained was so good that no additional recommendations were necessary. All positive excretors were excluded until bacteriological clearance was obtained.

## Streptococcal Infections.

Numerous cases of streptococcal infection were reported in the summer months. Most were mild, producing uncomplicated sore throats and slight scarlet fever. A small focus of more severe infection was found in an infant school and on investigation it was found that similar but less severe illnesses had affected some 25% of those children attending. The staff were unaffected. Building disinfection with formaldehyde generators was carried out whence no further case arose.

## Influenza.

During the months of October and November a small series of cases of influenza and influenzal pneumonia were reported. One group was quite unusual in its abrupt and severe mode of onset. The degree of severity was greater than usual in this group and the period of illness lasted for three weeks with persistant dry cough and raised temperature. Following the illness weakness and debility lasted for a further three to four weeks.

Detailed virological investigations were carried out to determine the cause of the disease, but the results were not sufficiently clear cut to form a definite conclusion which organism was primarily responsible for the outbreak.

## DIPHTHERIA IMMUNISATION.

The “Immunisation State” of Redditch children on December 31st, 1958 was as follows :—

(1957 figures in brackets).

Year of Birth Age	1958 Under 1	1957—54 1—4	1953—49 5—9	1948—44 10—14	Total
Last complete course of injections (whether primary or booster :					
A. 1954—1958 ...	—	1,743	2,331	131	4,276
(1953—1957) ...	—	(1,691)	(2,390)	(165)	(4,290)
B. 1953 or earlier ...	—	—	589	2,844	3,433
(1952 or earlier) ...	—	—	(464)	(2,802)	(3,266)
No. of Births ...	526	2,091			

The number of children immunised during the year was as follows :—

	1958	1957	1956	1955
Primary Immunisations :				
Under 5 years old ...	466	399	473	394
5—14 years old ...	16	8	14	14
Reinforcing “Booster” Injections ...	397	321	448	479

## SMALLPOX.

No Smallpox cases occurred in Redditch.

**Vaccination.**

NUMBER OF PERSONS VACCINATED OR RE-VACCINATED DURING 1958.						
AGE AT DATE OF VACCINATION	Under 1	1	2-4	5-14	15 or over	Total
Number Vaccinated	395 (345)	11 (7)	9 (11)	17 (14)	— (5)	432 (382)
Number Re-Vaccinated	—	—	— (1)	8 (2)	— (8)	8 (11)

**TUBERCULOSIS.**

**TUBERCULOSIS INCIDENCE AND MORTALITY  
DURING 1958.**

	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0—	0	0	0	0	0	0	0	0
1—	0	0	0	0	0	0	0	0
2—	0	0	0	0	0	0	0	0
4—	0	0	1	0	0	0	0	0
15—	3	3	0	0	0	0	0	0
25—	2	2	0	0	1	0	0	0
35—	0	2	0	0	0	0	0	0
45—	3	0	0	0	1	0	0	0
55—	1	0	0	0	0	0	0	0
65 & over	0	0	0	0	0	0	0	1
Totals	9 (19)	7 (7)	1 (1)	0 (1)	2 (5)	0 (2)	0 (0)	1 (1)

The number of cases on the register on 31st December, 1958 was :—

	M.	F.	Total
Pulmonary	134	87	221
Non-Pulmonary	9	6	15
Total	143	93	236

Total on December 31st, 1957
199
14
213



## AIR POLLUTION.

The main problem faced by Redditch is not the problem of industrial pollution but of the contamination of the air by the many domestic chimneys. It so happens that the housing estates seem to have grown up in natural hollows between the ridges of the main roads and so the effect of air pollution is aggravated in foggy weather when very obvious smoke palls lie over these parts of the district. In one area where a housing estate rises on a hillside above a group of factories, the domestic smoke pours down over the factories and the public is prone, wrongly, to blame the factories for the resulting air pollution.

A policy was adopted for the prevention of air pollution. The Council's programme is to be in three phases :—

- (1) The amendment of the existing Building Byelaws to provide for arrangements in buildings for preventing smoke.
- (2) The designation of all new areas of building as "smoke controlled" areas.
- (3) The survey of existing areas with a view to making them smoke controlled areas.

The first part of the programme was commenced straight away. The Council adopted a new Byelaw as follows :—

"There shall be provided in a new building (except in so far as heating is provided by furnaces to which section 3 of the Clean Air Act, 1956 applies) only such appliances for heating or cooking as are suitably designed for burning any of the following fuels, namely :—

- (a) Gas,
- (b) electricity,
- (c) gas coke, or anthracite,

or are appliances of a description exempted conditionally or un-conditionally from the provisions of section 11 of the Clean Air Act, 1956 (which relates to smoke control areas) by any order for the time being in force under subsection (4) of that section.

This byelaw shall not apply in relation to a building begun before the date on which the byelaw comes into operation or begun after that date in pursuance of plans deposited in accordance with byelaws before that date.

Nothing in the foregoing provisions of these byelaws shall be taken to apply this byelaw when an alteration or extension is made to a building."

Such a byelaw was added to the Council Byelaws and came into operation in July, 1959.

Before very much can be done in setting up smoke control areas, the supply of suitable fuels will need to improve. The public cannot be expected to conform to the requirements of smoke controlled area so long as there is a shortage of suitable fuel.

# REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR THE YEAR 1958.

—O—

To the Chairman and Members of the  
Redditch Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I beg to present my twentieth annual report and details of inspections made and improvements effected are as follows :—

## INSPECTIONS.

Accumulations Found	...	...	...	...	...	...	47
Animals Kept	—	Piggeries	...	...	...	...	17
	—	Fowls, Pigeons, etc.	...	...	...	...	8
Complaints	...	...	...	...	...	...	343
Cottagers' Pigs	...	No. of notifications of slaughter	...	...	...	...	2
	—	No. of pigs inspected	...	...	...	...	2
Drainage	...	No. of drains found choked	...	...	...	...	51
	—	No. of drain found defective	...	...	...	...	49
	—	No. of drains tested	...	...	...	...	217
	—	Visits to work in progress	...	...	...	...	190
	—	Visits to premises re cesspools	...	...	...	...	68
Dwelling Houses	...	No. inspected re repairs	...	...	...	...	647
	—	Re-inspections	...	...	...	...	1214
	—	No. inspected re overcrowding	...	...	...	...	3
	—	No. found dirty	...	...	...	...	10
	—	No. found verminous (Premises)	...	...	...	...	9
	—	No. found verminous (Persons)	...	...	...	...	—
	—	Visits re pail closet conversions	...	...	...	...	97
	—	No. of systematic inspections	...	...	...	...	186
Rodent Control	...	No. of premises visited	...	...	...	...	2755
	—	No. of premises found infested	...	...	...	...	502
	—	Total number of visits	...	...	...	...	4803
Infectious Diseases	...	Visits re Scarlet Fever	...	...	...	...	19
	—	Visits re Diphtheria...	...	...	...	...	15
	—	Visits re Other Diseases	...	...	...	...	390
Factories	...	With mechanical power	...	...	...	...	34
	—	Without mechanical power	...	...	...	...	27
	—	Bakehouses	...	...	...	...	12
	—	Other Premises	...	...	...	...	18
Food Premises	...	Butchers' Shops	...	...	...	...	93
	—	Slaughterhouses	...	...	...	...	466
	—	Confectioners	...	...	...	...	19
	—	Market	...	...	...	...	46
	—	Dairies	...	...	...	...	41
	—	Fishmongers and Fried Fish Shops	...	...	...	...	35
	—	Greengrocers and Grocers	...	...	...	...	58
	—	Licensed premises	...	...	...	...	46
	—	Ice Cream Vendors and Manufacturers	...	...	...	...	98
	—	Ice Cream samples taken	...	...	...	...	19
	—	Preparation of potted meat, etc.	...	...	...	...	8
	—	Restaurants, Cafe Kitchens and Factory	...	...	...	...	...
		Canteens	...	...	...	...	41
Knackers Yard	...	...	...	...	...	...	23
Shops Act	...	...	...	...	...	...	63
Smoke Abatement	...	No. of observations made	...	...	...	...	66
Tents, Vans, Sheds, etc.	...	...	...	...	...	...	41
Water Supplies	...	Visits to premises re wells	...	...	...	...	21
	—	No. of samples taken	...	...	...	...	10

Local Authority									
Premises	...	Tips	...	...	...	...	...	...	53
	—	Sewage Works	...	...	...	...	...	...	11
	—	Sanitary Conveniences	...	...	...	...	...	...	18
	—	Swimmings Baths	...	...	...	...	...	...	9
	—	Samples of water taken from Baths	...	...	...	...	...	...	4
	—	Miscellaneous visits	...	...	...	...	...	...	663
Total number of inspections									10,341

### IMPROVEMENTS.

Houses generally repaired	...	...	...	...	120
Wash-houses repaired	...	...	...	...	11
Water closets repaired or renewed	...	...	...	...	26
Pail closets converted to water closets	...	...	...	...	4
Pail closets repaired	...	...	...	...	1
Waste water closets abolished	...	...	...	...	—
Trough closets converted to water closets	...	...	...	...	—
Houses cleansed	...	...	...	...	10
Verminous premises disinfested	...	...	...	...	9
Choked drains cleared	...	...	...	...	34
Drains reconstructed	...	...	...	...	12
Wells abolished and mains supplies laid on	...	...	...	...	—
Cesspools emptied	...	...	...	...	18
Cesspools abolished	...	...	...	...	—
Dustbins provided (by owner)	...	...	...	...	11
Dustbins provided (by Council)	...	...	...	...	—
Accumulations removed	...	...	...	...	47

### WATER SUPPLIES.

Water is supplied throughout the district by the East Worcestershire Waterworks Co. Four samples of mains water were taken for analysis all of which were satisfactory.

Of the 10,332 occupied premises in the district 99.2% have mains supply and only 79 houses are using wells. No wells were abolished during the year.

Details of water main extensions during the year are as follows :—

Headless Cross Estate	...	190 yards 4 inch main.
Headless Cross Estate	...	185 yards 3 inch main.
Marlpit Lane	...	40 yards 3 inch main.
Cul-de-sac, Walkwood Road	...	150 yards 3 inch main.

### FOOD PREMISES.

There are in the urban area 326 food premises, details of which are as follows :—

	No.	No. of inspections
Slaughterhouse	1	466
Butchers' shops	31	93
Restaurants and cafes	16	22
Factory Canteens	12	19
Confectioners	9	19
Ice Cream Vendors and Manufacturers	29	98
Fishmongers & Fried Fish Shops	17	35
Bakehouses	8	12
Market	1	46
Dairies	2	41
Greengrocers and Grocers	134	58
Licensed premises	66	46
Total	326	955



## MILK SUPPLY.

The register contains 25 distributors two of which have registered dairies. These dairies are used for depots only and no pasteurised or sterilised milk is processed in the urban district. At one farm only tuberculin tested milk is bottled on the premises, the remainder of the milk produced in the area is taken to dairies outside the urban district. The Redditch Urban District was included in a "specified area" from 1st October, 1954.

Twenty-two samples of milk (9 pasteurised, 4 T.T. pasteurised and 9 sterilised) were taken for examination. Satisfactory reports were received in respect of all the samples.

Licences granted during the year for the sale of designated milk were as follows :—

Tuberculin Tested Milk	...	...	...	17
Pasteurised Milk	...	...	...	20
Sterilised Milk	...	...	...	20

The following is a list of other foodstuffs surrendered as unfit for human consumption :—

Tinned vegetables...	...	...	...	32 tins
Tinned tomatoes ...	...	...	...	92 tins
Tinned Fish	...	...	...	41 tins
Tinned Soup	...	...	...	6 tins
Tinned Meat	...	...	...	76 tins
Tinned Fruit	...	...	...	143 tins
Tinned Ham	...	...	...	4 tins
Evaporated Milk	...	...	...	17 tins
Condensed Milk	...	...	...	5 tins
Tinned cream	...	...	...	7 tins
Mixed dried fruit	...	...	...	13½ lbs.
Fish	...	...	...	64 lbs.
Fowl	...	...	...	39 lbs.
Cooked ham	...	...	...	5 lbs.
Bacon	...	...	...	99 lbs.
Cooked ox tongue...	...	...	...	4 lbs.
Sausages	...	...	...	59½ lbs.
Assorted Cake	...	...	...	101 lbs.
Tea ...	...	...	...	½ lb.
Sugar	...	...	...	5 lbs.
Margarine	...	...	...	7½ lbs.
Butter	...	...	...	7 lbs.
Cooking Fat	...	...	...	½ lb.
Cheese	...	...	...	209 lbs.
Cereals	...	...	...	1 pkt.
Biscuits	...	...	...	1 lb.
Sauce	...	...	...	4 btls.
Jam ...	...	...	...	4 jars
Marmalade	...	...	...	6 jars
Lemon Curd	...	...	...	1 jar
Mincemeat	...	...	...	1 jar
Pickled onions	...	...	...	1 jar
Pickled cabbage	...	...	...	1 jar
Paste	...	...	...	2 jars
Pastry	...	...	...	22 lbs.

## ICE CREAM.

One hundred and twenty-nine premises are registered to retail ice cream and of these four are registered to manufacture. During the year 98 inspections were made and 15 samples taken for bacteriological examination and four samples taken for chemical analysis.

### **Bacteriological Samples.**

There are four provisional grades for ice cream and grades 1 and 2 are satisfactory. The fifteen samples taken were grade 1.

### **Chemical Samples.**

The minimum chemical standard for ice cream is 5% fat, 7½% solids not fat and 10% sugar. Of the samples taken, the highest fat content was 13.2% and the lowest 10.3%. The average was 11.9%

In all cases sugar percentage was satisfactory. The highest total solids content was 38.6% and the lowest 35.3%. The average was 36.6%

## **MEAT AND OTHER FOODS.**

Of the 31 butchers shops, 12 are multiple concerns. The majority of the remaining butchers buy off the hook. Three local butchers slaughter at the Alcester Co-operative Slaughterhouse and two at the only licensed slaughterhouse in the area at Feckenham. A wholesaler also uses the slaughterhouse at Feckenham and supplies 10 butchers in the town. The remaining butchers buy from wholesalers at Stratford, Worcester and Birmingham.

100% inspection of carcasses is maintained of animals slaughtered in the district. I have reason to believe this also applies at the other three centres. Details of meat inspection is given in the following table.

970 inspections were made at food premises as compared with 989 the previous year. Visits to the slaughterhouse were 466 as compared with 583 the previous year and the number of animals inspected 16,636 an increase of 600.

## CARCASSES INSPECTED AND CONDEMNED.

	Cattle exclud- ing cows	Cows	Calves	Sheep and Lambs	Pigs
No. killed (if known)	928	398	1130	11322	2858
No. inspected	928	398	1130	11322	2858
<b>All diseases except Tuberculosis :</b>					
Whole carcasses condemned ... ..	—	1	3	51	4
Carcases of which some part or organ was condemned ...	39	71	4	1086	95
Percentage of the number affected with disease other than tuberculosis ...	4.2%	18.09%	.62%	10.04%	3.46%
<b>Tuberculosis only :</b>					
Whole carcasses condemned ... ..	1	2	—	—	—
Carcases of which some part or organ was condemned ...	40	80	1	—	42
Percentage of the num- ber inspected affected with tuberculosis ...	4.42%	20.6%	.09%	—	1.47%



## RODENT CONTROL.

Local authority premises, such as refuse tips and sewage works, are regularly inspected and treated when necessary. The analysis of Inspection and Treatment is as follows :—

### Inspections :

Number of domestic premises inspected	...	...	...	2135
Number of business premises inspected	...	...	...	361
Number of Local Authority premises inspected	...	...	...	140
Number of farms inspected	...	...	...	43

Total number of premises inspected	...	2679
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### Infestations Found :

Total number of infestations found	...	464
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### Analysis of Infestations :

Number of infestations found (Rats) (Major)	...	12
Number of infestations found (Rats) (Minor)	...	419

Total number of infestations of rats found	...	431
--	-----	-----

Number of infestations found (Mice) (Major)	...	7
Number of infestations found (Mice) (Minor)	...	26

Total number of infestations of mice found	...	33
--	-----	----

### Treatment :

Number of first treatments	...	429
Number of second treatments	...	3

Total number of treatments	...	432
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Total number of visits for treatment	...	2124
--------------------------------------	-----	------

Total number of re-visits after treatment	...	422
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### Analysis of First Treatments :

Number of first treatments (Rats) (Major)	...	10
Number of first treatments (Rats) (Minor)	...	398
Number of first treatments (Mice) (Major)	...	4
Number of first treatments (Mice) (Minor)	...	17

Total number of treatments (Rats and Mice)	...	429
--	-----	-----

### Sewer Maintenance Treatment :

Number of sewer maintenance treatments	...	2
Number of manholes baited (first treatment)	...	143
Number of manholes baited (second treatment)	...	136

Total number of manholes baited	...	279
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### Analysis of First Treatment :

Bait Base : Damp Sausage Rusk and Arsenious Oxide (10%)		
Number of manholes test baited (10% of manholes not included in previous treatment) :	...	73
Number of manholes baited (actual treatment)	...	143
Number of manholes showing prebait take	...	58
Number of manholes showing complete prebait take	...	18
Number of manholes showing partial prebait take	...	40

### Analysis of Second Treatment :

Bait Base : Bread Mash with 2½% Zinc Phosphide.		
Number of manholes baited (actual treatment)	...	136
Number of manholes showing prebait take	...	67
Number of manholes showing complete prebait take	...	38
Number of manholes showing partial prebait take	...	29

## SANITARY ACCOMMODATION.

Number of pail closets converted to water closets ... .. 4

Analysis of sanitary accommodation at the end of 1958 :

Water closets	...	...	...	10228
Automatically flushed W.C.'s	...	...	...	20
Waste Water Closets	...	...	...	10
Pail Closets...	...	...	...	172
Earth Closets	...	...	...	17

## RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

The main purpose of this Act is to improve the standard of cleanliness of fillings used in upholstery and for the registration of premises where this work is carried out. It does not apply to the remaking or reconditioning of furniture. When the act came into operation in August, 1951, two premises were registered under these provisions. They have since ceased to manufacture furniture and are not now subject to the provisions of this Act.

## MOVEABLE DWELLINGS.

Details of Licenses issued during the year in accordance with section 269, Public Health Act, 1936, are as follows :—

Site	Site Occupier.	Occupier of Moveable Dwelling.
Adjoining 32, Yvonne Rd.	H. E. Quinney, The Rough, Headless Cross.	Mrs. R. E. Hodges
Astwood Bank Farm	J. Shirley-Priest, Astwood Bank Farm.	Mr. J. Palmer
School Lane, Feckenham	F. Freeman, School Lane, Feckenham.	Mr. R. J. Baylis
Bordesley Lodge Farm Birmingham Road	T. Dickenson, Bordesley Lodge Farm.	Mr. G. Oakley
26 Grove Street	Mr. H. Harvey 26 Grove Street.	Mr. Wedgbury

It will be noted that only one caravan is occupied on each site.

## HOUSING.

During the year 88 houses were demolished as follows :—

### Clearance Areas :

Britten Street Clearance Area No. 1	...	37 houses
" " " " No. 2	...	11 houses
" " " " No. 3	...	11 houses
Mount Pleasant Clearance Area	...	8 houses

### Individual Houses :

538 Evesham Road, Crabbs Cross	...	1 house
18—32 Edward Street	...	12 houses
147—149 Birchfield Road	...	2 houses
2, 4, 6 and 8/10 Chapel Street, Headless Cross	...	4 houses
24 and 26 Walford Street	...	2 houses

64 families consisting of 175 persons were rehoused from unfit houses during the year.

## INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	647
(b) Number of inspections made for the purpose	...	1214



(2)	(a)	Number of dwelling houses (included under subhead (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ...	186
(2)	(b)	Number of inspections made for this purpose ...	186
(3)		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	59
(4)		Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	120

#### **REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.**

	Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	40
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#### **ACTION UNDER STATUTORY POWERS DURING THE YEAR.**

(a)	<b>Proceedings under Section 9, 10 and 12 of the Housing Act, 1957.</b>		
(1)	Number of dwelling houses in respect of which notices were served requiring repairs ...	Nil.	
(2)	Number of dwelling houses which were rendered fit after service of formal notices :—		
(a)	By Owners ...	Nil.	
(b)	By Local Authority in default of owners ...	Nil.	
(b)	<b>Proceedings under Public Health Acts.</b>		
(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	73	
(2)	Number of dwelling houses in which defects were remedied after service of formal notices :—		
(a)	By Owners ...	73	
(b)	By Local Authority in default of owners ...	Nil.	
(c)	<b>Proceedings under Section 17 of the Housing Act, 1957.</b>		
(1)	Number of dwelling houses in respect of which Demolition Orders were made ...	21	
(2)	Number of dwelling houses in respect of which Closing Orders were made ...	Nil.	
(3)	Number of dwelling houses demolished in pursuance of Demolition Orders ...	21	
(d)	<b>Proceedings under Section 18 of the Housing Act, 1957.</b>		
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit ...	Nil.	

#### **HOUSING ACT, 1957, PART IV, OVERCROWDING.**

(a)	(1)	Number of dwellings overcrowded at the end of the year...	8
	(2)	Number of families dwelling therein ...	9
	(3)	Number of persons dwelling therein ...	61
(b)		Number of new cases of overcrowding reported during the year ...	Nil.
(c)	(1)	Number of cases of overcrowding relieved during the year	2
	(2)	Number of persons concerned in such cases ...	10
(d)		Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ...	Nil.



## FACTORIES.

### 1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises (1)	Number of			
	No. on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which Sections 1, 2, 3, 4, and 6 are to be en- forced by Local Authorities ... ..	47	27	—	—
(2) Factories not in- cluded in (1) in which Section 7 is enforced by the Local Auth- ority ... ..	279	34	—	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises	9	30	—	—
<b>TOTAL ...</b>	<b>335</b>	<b>91</b>	<b>—</b>	<b>—</b>

## 2.—DEFECTS FOUND.

Particulars  (1)	Number of cases in which defects were found				Number of offences in respect of which Prosecutions where instituted  (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1) ... ..	4	4	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temperature (S.3) ... ..	—	—	—	—	—
Inadequate Ventilation (S.4) ... ..	—	—	—	—	—
Ineffective drainage of floors (S.6) ... ..	—	—	—	—	—
Sanitary conveniences (S.7) ... ..	—	—	—	—	—
(a) insufficient ...	3	3	—	—	—
(b) unsuitable or defective ...	4	4	—	—	—
(c) Not separate for sexes ... ..	1	1	—	—	—
Other offences against the Act (not including offences relating to outworkers) ... ..	—	—	—	—	—
TOTAL ...	12	12	—	—	—

I have the honour to be, Ladies and Gentlemen,

Your Obedient Servant,

G. H. CHAMPION,

Chief Public Health Inspector.









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